

DEPARTMENT OF THE ARMY TECHNICAL MANUAL
DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER
OPERATION AND ORGANIZATIONAL MAINTENANCE:
1/4-TON 4 x 4 UTILITY TRUCK, M38A1
1/4-TON 4 x 4 FRONT LINE AMBULANCE, M170

TM 9-8014
TO 36A-1-401
CHANGES No. 4

DEPARTMENTS OF THE ARMY
AND THE AIR FORCE
WASHINGTON 25, D.C., 11 December 1959

TM 9-8014/TO 36A-1-401, 6 April 1955 is changed as follows:
Page 368. Change heading to read appendix I.
Appendix II to be included when data becomes available.
Add the following:

APPENDIX III
BASIC ISSUE ITEMS LIST

(ADDED)

1. General

This appendix lists the basic issue items that are required for stockage by first-echelon maintenance and includes accessories, attachments, and component assemblies with quantities thereof, which constitute the major end item of equipment; and the first-echelon maintenance accessories, tools, supplies, spare assemblies, and repair parts accompanying the equipment, all of which constitute the major end item for issue to users.

2. Explanation of Columns

a. *Source, Maintenance, and Recoverability Code.* This column lists a code that indicates the selection status and source of supply of the repair part, and the recoverability and expendability aspects of the repair part. Refer to paragraph 4 for an explanation of codes.

b. *Federal Stock Number.* This column lists the Federal stock number.

*These changes supersede Section I, DA Supply Manual, ORD 7 SNL G758, 5 April 1956, and together with TM 9-2320-208-20P, 13 February 1959, supersede DA Supply Manual ORD 7 G758, 5 April 1956.

c. Description. This column lists the Federal item name and any additional description required for supply operations. The abbreviations "w/e" (with equipment) when used as a portion of the nomenclature indicates that the major item or major combination includes all armament, equipment, accessories, and repair parts issued with the item. The technical service or manufacturer's part number is also included for reference.

d. Unit of Issue. This column lists the minimum quantity that will be supplied. Where the unit of issue is shown as ft, in., etc., such as for bulk materials, the requisition should indicate the exact amount that is required, for example, 6 ft.

e. Quantity Authorized. This column lists the quantity of the listed item authorized for stockage by first echelon.

f. Illustration. This column indicates the figure number of the illustration that depicts the item. When more than one item appears on an illustration, the item number is also indicated.

3. Abbreviations and Symbols

a. Abbreviations.

assy.....	assembly(ies)
cap.....	capacity
comb.....	combination
extn.....	extension
h.....	height, high
hdl.....	handle(d)
hex.....	hexagon(al)
hv.....	heavy
lg.....	length, long
M.....	model
mtl.....	metal
nom.....	nominal
opng.....	opening
S.....	steel
sgle-hd.....	single head
sq.....	square
stght.....	straight
w.....	watt(s) wide, width
w/.....	with
w/e.....	with equipment
w/wn.....	with winch

b. Symbols.

5.....	Corps of Engineers
10.....	Quartermaster Corps
12.....	Adjutant General

4. Explanation of Codes

N Indicates nonexpendable item

5. Suggestions and Recommendations

Notice of discrepancies and recommendations for additions and deletions of repair parts and special tools should be forwarded on DA Form 2028 to the Commanding Officer, Raritan Arsenal, Metuchen, N.J., ATTN: ORDJR-CPRA.

(1) Source maintenance and recover- ability code	(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quan- tity author- ized	(6) Fig. No. (a)
		MAJOR ITEMS (WITH EQUIPMENT)			
N	2310-835-8686	TRUCK, AMBULANCE: front line, ¼-ton, 4 x 4, M170, w/e (8358686)-----			5
N	2320-835-8319	TRUCK, UTILITY: ¼-ton, 4 x 4, M38A1, w/e (8358319)-----			1
N	2320-835-8320	TRUCK, UTILITY: ¼-ton, 4 x 4, M38A1, w/wn, w/e (8358320)			
N	2320-141-8841	TRUCK, UTILITY: ¼-ton, 4 x 4, M38A1C, w/e (8358946)			
N	2320-141-8842	TRUCK, UTILITY: ¼-ton, 4 x 4, M38A1C, w/wn, w/e (8358947)			
		COMPONENTS OF MAJOR ITEMS			
		The following items under the sub-heading below <i>are installed in position</i> on the TRUCK, prior to the issue of the vehicle to the using troops.			
		REPAIR PARTS FOR TRUCK			
		WHEEL, w/TIRE and TUBE, assy (spare) (components to be requisitioned separately).	ea	1	
		Composed of:			
	2610-269-9586	1 TIRE, pneumatic, 6 ply rating, light truck, cross-country tread, w/con- trolled bead, 6.50/7.00-16 (new) (511830).	ea	-----	172
	2610-269-7332	1 INNER TUBE, pneumatic tire, truck and bus, 6.50/7.00-16 (new) (519252)-	ea		
	2530-287-2314	1 WHEEL, w/RIM and SPIDER, assy (16 x 4.50 E, safety type) (7387807)--	ea	-----	172

COMPONENTS OF MAJOR ITEMS

The following items under the sub-heading below are *boxed* and *stowed* on the TRUCK, prior to the issue of the vehicle to the using troops.

TOOLS AND EQUIPMENT FOR TRUCK

5140-772-4142	BAG, TOOL SATCHEL: empty, 20¼ in. x 18¼ in. to top of flap, open (41-B-15) -	ea	1
2590-473-6331	BRACKET, DRUM, INFLAMMABLE LIQUID: S, welded, w/strap (M38A1) (42-B-22590).	ea	1
5120-708-3364	HANDLE, JACK: collapsible type, 36¼ in. lg (41-H-1251-10) -----	ea	1
5120-244-3314	JACK, SCREW: geared, up-right type, 1½ ton rated cap., 7½ in. closed h, 15½ in. extended h, w/extn cap (Fed Spec GGG-J-51, type I, class 4, style A) (41-J-74-507).	ea	1
5120-223-7397	PLIERS, SLIP JOINT: stght nose comb. w/cutter, 8 in. nom lg (Fed Spec GGG-P-00471 (NAVY-SHIPS), type II, class 2, style A) (41-P-1652).	ea	1
5120-227-7349	SCREWDRIVER, FLAT TIP: mtl, w/wood inserts hdl, ¾ in. w, flared tip, 6 in. lg blade (Fed Spec GGG-S-121, type I, class 4, style 2, shape a) (41-S-1076).	ea	1
5120-277-9491	SCREWDRIVER, FLAT TIP: wood hdl, ¼ in. w, flared tip, 4 in. blade (Fed Spec GGG-S-121, type I, class 5, style 2, design A, shape a) (41-S-1102).	ea	1
5120-240-5328	WRENCH, OPEN END, ADJUSTABLE: 22½ deg angle, sgld-hd, hv duty, 0.947 in. max jaw opng, 8 in. nom lg overall (Fed Spec GGG-W-631, Amend I, type I) (41-W-486).	ea	1
5120-708-3302	WRENCH, PLUG: stght bar, sq ½ in. plug, 2½ in. lg (41-W-1962-100) -----	ea	1
5120-422-8603	WRENCH, WHEEL STUD NUT: sgld-hd, offset socket, hex, ¾ in. opng, 9¼ in. lg (Ford Motor Co. no. 17035, or equal) (41-W-3837-25).	ea	1

REPAIR PARTS FOR TRUCK

None authorized

(1) Source maintenance and recoverability code	(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quantity authorized	(6) Fig. No. (a)
		<p>EQUIPMENT ISSUED BY OTHER TECHNICAL SERVICES</p> <p>The following items of equipment are procured, stored and issued by technical services, other than the Ordnance Corps, and issued initially with the vehicle. Replacements only will be requisitioned from the appropriate technical service in the usual manner, in accordance with current regulations.</p> <p>12 N ----- FORM (envelope), DA Form 478 MWO and major unit assembly replacement record and organization equipment file.</p> <p>12 ----- MANUAL, Technical, 9-8014 (M38A1 and M170)-----</p> <p>MISCELLANEOUS MATERIAL</p> <p>The items listed under the subheadings below are not issued with the vehicle, but are requisitioned and issued in accordance with TOE, TA or as otherwise authorized. The items will be installed on the vehicle by using troops.</p> <p>ARMAMENT, M38A1 AND M38A1C</p> <p>For organizational maintenance allowances see the ORD 7 portion of the SNL indicated in parentheses.</p> <p>1005-317-2442 1 ea MOUNT, truck, pedestal, M31C, w/e (SNL C-55 Sec 18)</p>			

EQUIPMENT			
N	2540-054-0044	2 pr CHAIN, pneumatic tire, passenger car (type P) 7.00-16 and 7.00-15 (authorized for issue to meet local weather conditions) (540044)	
EQUIPMENT ISSUED BY OTHER TECHNICAL SERVICES			
5	5110-222-0455	1 AXE, chopping, single bit, handled, 4 lb.-----	ea
10	7240-243-3088	1 CAN, gasoline, military, MIL-C-1283A-----	ea
5	5120-250-1499	1 SHOVEL: hand, general purpose, round pt, open back, rolled shoulder, tubular shank, size no. 2, D handle.	ea

By Order of *Wilber M. Brucker*, Secretary of the Army:

L. L. LEMNITZER,
General, United States Army,
Chief of Staff.

Official:

R. V. LEE,
Major General, United States Army,
The Adjutant General.

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Cleveland Ord Proc Dist (2)
Chicago Ord Proc Dist (None)
MAAG (Japan) (2)
MAAG (Jordan) (2)
JBUSMC (2)
JUSMAG (Greece) (2)

NG: State AG (3); units—same as Active Army except allowance is one copy to each unit.

USAR: None.

For explanation of abbreviations used, see AR 320-50.

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